

Appln No. 09/721,858
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Response to Office Action of March 09, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A printer for printing a collated multi-page document when presented with a plurality of manually collated pages, the printer including:

(a) a code sensor which senses machine-readable codes on the manually collated pages, where the machine readable codes are substantially invisible to the unaided human eye;

(b) a control unit which uses the machine-readable codes to identify and retrieve previously stored electronic versions of the pages; and

(c) a print engine which prints the retrieved pages, at least one of the printed pages including machine readable codes that are substantially invisible to the unaided eye.

2. (Original) A printer according to claim 1 further including a binder for binding together the printed pages.

3. (Original) A printer according to claim 1 further including a scanner for copying pages which do not have machine-readable codes on them and which produces electronic versions of the pages.

4. (Original) A printer according to claim 3 further including a storage medium which stores the electronic versions of the scanned pages.

5. (Original) A printer according to claim 1 further including a hand-held code sensor which senses machine-readable codes on the manually collated pages.

6. (Original) A printer according to claim 1 or 5 wherein the machine-readable codes on the manually collated pages are represented:

(a) optically; or

(b) electronically; or

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- (c) magnetically; or
- (d) topographically; or
- (e) chemically.

7. (Original) A printer according to claim 1 or 5 wherein the code sensor senses machine-readable codes on both sides of the manually collated pages.

8. (Original) A printer according to claim 1 wherein the control unit also controls communications between the printer and one or more peripheral devices.

9. (Original) A printer according to claim 1 wherein electronic versions of the manually collated pages which are to be printed are retrieved from at least one of the group including:

- (a) a storage medium contained within a host computer;
- (b) a server which is accessed over a computer network;
- (c) a storage medium contained within the printer itself; or
- (d) any combination of the above.

10. (Original) A printer according to claim 1 further including an input device with which a user of the printer controls the format of the printed and collated multi-page document.

11. (Original) A printer according to claim 10 wherein the input device includes a touch sensitive display.

12. Cancelled.

13. (Original) A printer according to claim 2 wherein the printer inserts blank pages in

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the printed document to duplicate blank pages contained within the manually collated pages.

14. (Original) A printer according to claim 1 wherein instructions from a hand-held code sensor are received and interpreted, and a collated multi-page document is produced.

15. (Original) A printer according to claim 1 further including an interface which transmits instructions for printing a collated multi-page document to a second printer.

16. (Original) A printer according to claim 15 wherein the instructions are transmitted over a computer network or over a telephone network.

17. (Original) A printer according to claim 1 further including a storage medium which stores an electronic version of pages which have been printed.

18. (Currently amended) A method of printing a collated multi-page document when presented with a plurality of manually collated pages, the method including the following steps:

(a) sensing machine-readable codes on the manually collated pages using a code sensor, where the machine readable codes are substantially invisible to the unaided human eye;

(b) using the machine-readable codes to identify and retrieve previously stored electronic versions of the pages; and

(c) printing the retrieved pages using a printer, at least one of the printed pages including machine readable codes that are substantially invisible to the unaided eye.

19. (Original) A method according to claim 18 further including the step of binding together the printed pages.

20. (Original) A method according to claim 18 further including the steps of using a

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scanner for copying pages which do not have machine-readable codes on them and producing electronic versions of those pages.

21. (Original) A method according to claim 18 wherein the step of printing the retrieved pages includes printing machine-readable codes on those pages.

22. Cancelled.

23. (Original) A method according to claim 18 wherein the code sensor senses machine-readable codes on both sides of the manually collated pages.

24. (Original) A method according to claim 18 further including the step of using an input device to control the format of the printed and collated multi-page document.

25. (Original) A method according to claim 18 wherein the printing step includes the sub-step of transmitting the retrieved pages to a remote printer.